

JONATHAN I. LUNINE, *Co-Chair*, is the director of the Center for Radiophysics and Space Research and the David C. Duncan Professor in the Physical Sciences at Cornell University. Dr. Lunine is interested in how planets form and evolve, what processes maintain and establish habitability, and what the limits of environments capable of sustaining life are. He pursues these interests through theoretical modeling and participation in spacecraft missions. He works with the radar and other instruments on the Cassini Saturn Orbiter and was part of the science team for the Huygens landing on Saturn's moon Titan. He is co-investigator on the Juno mission to Jupiter, launched in 2011, and an interdisciplinary scientist for the James Webb Space Telescope. Dr. Lunine has contributed to or led a variety of mission concept studies for solar system probes and space-based detection of planets around other stars. He has chaired or served on a number of advisory and strategic planning committees for NASA and the National Science Foundation (NSF). He is the winner of the Harold C. Urey Prize of the DPS/American Astronomical Society, the Macelwane Medal of the American Geophysical Union (AGU), the Zeldovich Prize in Commission B of Committee on Space Research (COSPAR), and the Basic Science Award of the International Academy of Astronautics. He is a member of the National Academy of Sciences (NAS) and a fellow of the AGU and American Association for the Advancement of Science (AAAS). Dr. Lunine received a B.S. in physics and astronomy from the University of Rochester and an M.S. and a Ph.D. in planetary science from the California Institute of Technology. Dr. Lunine has served on several National Research Council (NRC) committees, including as co-chair for the Committee on the Origins and Evolution of Life and the Committee for a Review of Programs to Determine the Extent of Life in the Universe, and as a member of the Committee on Decadal Survey on Astronomy and Astrophysics 2010.